

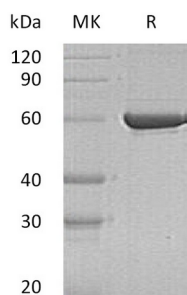
Product Name: Recombinant Human PKLR (C-6His)
Catalog #: PHH0561



概述 (Summary)

英文全称	EG-VEGF/PK1
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	<1 EU/μg as determined by LAL test.
蛋白构建 (Construction)	Recombinant Human Pyruvate Kinase, Liver And RBC is produced by our Mammalian expression system and the target gene encoding Met1-Ser574 is expressed with a 6His tag at the C-terminus.
Accession #	P30613
蛋白标签 (Tag)	
表达宿主 (Host)	Human Cells
种属 (Species)	Human
预测分子量 (Predicted MW)	62.9 KDa
蛋白形态 (Form)	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 500mM NaCl, 5% Trehalose, 5% Mannitol, 0.02% Tween 80, 50% Glycerol, 1mM EDTA, 1mM DTT, pH8.0.
储存缓冲液 (Buffer)	
运输方式 (Shipping)	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存 (Stability &Storage)	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
复溶 (Reconstitution)	

电泳图 (SDS-PAGE image)



背景 (Background)

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分子别名 (Alternative Names)

Pyruvate Kinase Isozymes R/L; Pyruvate Kinase 1; R-Type/L-Type Pyruvate Kinase; Red Cell/Liver Pyruvate Kinase; PKLR; PK1; PKL

背景介绍 (References)

Pyruvate Kinase Isozymes R/L (PKLR) belongs to the pyruvate kinase family. There are 4 isozymes of pyruvate kinase in mammals: L, R, M1 and M2. L type is major isozyme in the liver; R is found in red cells; M1 is the main form in muscle, heart and brain; M2 is found in early fetal tissues. PKLR exists as a homotetramer and catalyzes the production of phosphoenolpyruvate from pyruvate and ATP. Defects in PKLR are also the cause of pyruvate kinase deficiency of red cells, which is a frequent cause of hereditary non-spherocytic hemolytic anemia.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.